

Dialog 10/734, 936
LLM 5/13/2006

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS? ### Status: Signing onto Dialog *****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS? *****
Status: Login successful Welcome to DIALOG

Dialog level 05.11.05D

Last logoff: 12may06 14:25:46

Logon file405 13may06 14:00:57

*** ANNOUNCEMENTS ***

NEW FILES RELEASED

***Regulatory Affairs Journals (File 183)
***Index Chemicus (File 302)
***Inspec (File 202)

RESUMED UPDATING

***File 141, Reader's Guide Abstracts

RELOADS COMPLETED

***File 516, D&B--Dun's Market Identifiers
***File 523, D&B European Dun's Market Identifiers
***File 531, American Business Directory
*** MEDLINE has been reloaded with the 2006 MeSH (Files 154 & 155)
*** The 2005 reload of the CLAIMS files (Files 340, 341, 942)
is now available online.

DATABASES REMOVED

***File 196, FINDEX
***File 468, Public Opinion Online (POLL)

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

>>>For the latest news about Dialog products, services, content<<<
>>>and events, please visit What's New from Dialog at <<<
>>><http://www.dialog.com/whatsnew/>. You can find news about<<<
>>>a specific database by entering HELP NEWS <file number>. <<<

* * *

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
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Connections:

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b biosci

```
>>>      44 is unauthorized
>>>      76 is unauthorized
>>>2 of the specified files are not available
      13may06 14:01:04 User276741 Session D139.1
      $0.00      0.218 DialUnits FileHomeBase
      $0.00  Estimated cost FileHomeBase
      $0.03  TELNET
      $0.03  Estimated cost this search
      $0.03  Estimated total session cost  0.218 DialUnits
```

```
SYSTEM:OS - DIALOG OneSearch
File  5:Biosis Previews(R) 1969-2006/May W1
      (c) 2006 BIOSIS
File  24:CSA Life Sciences Abstracts 1966-2006/Apr
      (c) 2006 CSA.
File  28:Oceanic Abstracts 1966-2006/Apr
      (c) 2006 CSA.
File  34:SciSearch(R) Cited Ref Sci 1990-2006/May W1
      (c) 2006 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2006/Apr
      (c) 2006 ProQuest Info&Learning
File  40:Enviroline(R) 1975-2006/Mar
File  41:Pollution Abstracts 1966-2006/Apr
      (c) 2006 CSA.
File  50:CAB Abstracts 1972-2006/Apr
      (c) 2006 CAB International
```

File 65:Inside Conferences 1993-2006/May 12
 (c) 2006 BLDSC all rts. reserv.
 File 71:ELSEVIER BIOBASE 1994-2006/May W1
 (c) 2006 Elsevier Science B.V.
 File 73:EMBASE 1974-2006/May 12
 (c) 2006 Elsevier Science B.V.
 File 91:MANTIS(TM) 1880-2006/Feb
 2006 (c) Action Potential
 File 94:JICST-EPlus 1985-2006/Feb W1
 (c) 2006 Japan Science and Tech Corp(JST)
 File 98:General Sci Abs 1984-2004/Dec
 (c) 2005 The HW Wilson Co.
 File 110:WasteInfo 1974-2002/Jul
 (c) 2002 AEA Techn Env.
***File 110: This file is closed (no updates)**
 File 135:NewsRx Weekly Reports 1995-2006/May W1
 (c) 2006 NewsRx
 File 136:BioEngineering Abstracts 1966-2006/Apr
 (c) 2006 CSA.
 File 143:Biol. & Agric. Index 1983-2006/Apr
 (c) 2006 The HW Wilson Co
 File 144:Pascal 1973-2006/Apr W3
 (c) 2006 INIST/CNRS
 File 155:MEDLINE(R) 1951-2006/May 18
 (c) format only 2006 Dialog
 File 164:Allied & Complementary Medicine 1984-2006/May
 (c) 2006 BLHCIS
 File 172:EMBASE Alert 2006/May 12
 (c) 2006 Elsevier Science B.V.
 File 185:Zoological Record Online(R) 1978-2006/May
 (c) 2006 BIOSIS
 File 357:Derwent Biotech Res. 1982-2006/May W1
 (c) 2006 Thomson Derwent & ISI
 File 369:New Scientist 1994-2006/Feb W4
 (c) 2006 Reed Business Information Ltd.
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
***File 370: This file is closed (no updates). Use File 47 for more current information.**
 File 391:Beilstein Reactions 2006/Q1
 (c) 2005 Beilstein GmbH
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.
***File 467: F467 will close on February 1, 2006.**

7.

Set	Items	Description
---	---	-----
? s	((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))	
>>>Term	"LOX"	is not defined in one or more files
>>>Term	"DIF"	is not defined in one or more files
>>>Term	"ATT"	is not defined in one or more files
Processing		
Processed	10 of 29 files	...

Processing

Processed 20 of 29 files ...

Completed processing all files

5855	SITE-SPECIFIC
20733	RECOMBINASE
0	SITE-SPECIFIC (W) RECOMBINASE
3173017	SITE
6068726	SPECIFIC
20733	RECOMBINASE
1819	SITE (W) SPECIFIC (W) RECOMBINASE
32642	CRE/LOX
1011	FLIPPASE
4734	FLP
617	XER/DIF
77882	INT/ATT
1248649	CHROMOSOME
495049	CHROMOSOMAL
1927931	ENGINEERING
516240	INTEGRATION
4067	(CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)
1261918	RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
69	RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3	LAMBDA-RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
0	LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572	LAMBDA
1261918	RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
37	LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3	LAMBDA-RED
190123	HELPER
501835	PLASMID
0	LAMBDA-RED (W) HELPER (W) PLASMID
387572	LAMBDA
1261918	RED
190123	HELPER
501835	PLASMID
0	LAMBDA (W) RED (W) HELPER (W) PLASMID
3	LAMBDA-RED
20402933	SYSTEM
0	LAMBDA-RED (W) SYSTEM
387572	LAMBDA
1261918	RED
20402933	SYSTEM
54	LAMBDA (W) RED (W) SYSTEM
16	PKD46
S1	1 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR

(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA(W) RED (W) SYSTEM) OR PKD46))
? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Processing

Processed 10 of 29 files ...

Processing

Completed processing all files

5855	SITE-SPECIFIC
20733	RECOMBINASE
0	SITE-SPECIFIC (W) RECOMBINASE
3173017	SITE
6068726	SPECIFIC
20733	RECOMBINASE
1819	SITE (W) SPECIFIC (W) RECOMBINASE
32642	CRE
12297	LOX
1925	CRE (W) LOX
1011	FLIPPASE
4734	FLP
617	XER
5244	DIF
1	XER (W) DIF
77882	INT
13934	ATT
19	INT (W) ATT
1248649	CHROMOSOME
495049	CHROMOSOMAL
1927931	ENGINEERING
516240	INTEGRATION
4067	(CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)
1261918	RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
69	RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3	LAMBDA-RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
0	LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572	LAMBDA
1261918	RED
20733	RECOMBINASE
386367	RECOMBINATION
20402933	SYSTEM
37	LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3	LAMBDA-RED
190123	HELPER
501835	PLASMID
0	LAMBDA-RED (W) HELPER (W) PLASMID
387572	LAMBDA
1261918	RED

190123 HELPER
501835 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA (W) RED (W) SYSTEM
16 PKD46
S2 1 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W) LOX OR FLIPASE OR FLP OR XER(W) DIF OR INT(W) ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46))
? t s2/medium

2/3/1 (Item 1 from file: 357)
DIALOG(R) File 357:Derwent Biotech Res.
(c) 2006 Thomson Derwent & ISI. All rts. reserv.

0345211 DBR Accession No.: 2004-17503 PATENT
Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering

AUTHOR: SUH W

PATENT ASSIGNEE: DU PONT DE NEMOURS and CO E I 2004

PATENT NUMBER: WO 200456973 PATENT DATE: 20040708 WPI ACCESSION NO.: 2004-507710 (200448)

PRIORITY APPLIC. NO.: US 434602 APPLIC. DATE: 20021219

NATIONAL APPLIC. NO.: WO 2003US41810 APPLIC. DATE: 20031219

LANGUAGE: English

? s ((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or PKD46)

Processing

1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM

```

37  LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3  LAMBDA-RED
190123  HELPER
501835  PLASMID
0  LAMBDA-RED (W) HELPER (W) PLASMID
387572  LAMBDA
1261918  RED
190123  HELPER
501835  PLASMID
0  LAMBDA (W) RED (W) HELPER (W) PLASMID
3  LAMBDA-RED
20402933  SYSTEM
0  LAMBDA-RED (W) SYSTEM
387572  LAMBDA
1261918  RED
20402933  SYSTEM
54  LAMBDA (W) RED (W) SYSTEM
16  PKD46
S3  137 ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
          (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W)
          SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR
          RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W)
          PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR
          (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR
          PKD46)
? s s3 and ((site-specific (w) recombinase) or (site (w) specific (w)
recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)
137  S3
5855  SITE-SPECIFIC
20733  RECOMBINASE
0  SITE-SPECIFIC (W) RECOMBINASE
3173017  SITE
6068726  SPECIFIC
20733  RECOMBINASE
1819  SITE (W) SPECIFIC (W) RECOMBINASE
32642  CRE
12297  LOX
1925  CRE (W) LOX
1011  FLIPPASE
4734  FLP
617  XER
5244  DIF
1  XER (W) DIF
77882  INT
13934  ATT
19  INT (W) ATT
S4  8 S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W)
SPECIFIC (W) RECOMBINASE) OR CRE (W) LOX OR FLIPPASE OR FLP
OR XER (W) DIF OR INT (W) ATT)

```

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

```

S5  5  RD (unique items)
? s s5 and ((triple or multiple) (w) homologous (w) recombination)
5  S5
199361  TRIPLE
2850907  MULTIPLE
525646  HOMOLOGOUS
386367  RECOMBINATION

```

S6 6 (TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION
0 S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W)
RECOMBINATION)

? t s5/free/all

5/8/1 (Item 1 from file: 5)
0015882141 BIOSIS NO.: 200600227536
PCR-based tandem epitope tagging system for Escherichia coli genome
engineering
2006

5/8/2 (Item 2 from file: 5)
0015480514 BIOSIS NO.: 200510175014
Deletion of clpP in chromosome of E-coli by red recombination
2005

5/8/3 (Item 1 from file: 357)
0389600 DBR Accession No.: 2006-03096
PCR-based tandem epitope tagging system for Escherichia coli genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of Escherichia coli functional
genomics 2006

5/8/4 (Item 2 from file: 357)
0345211 DBR Accession No.: 2004-17503
Directed integration of an expressible DNA fragment lacking a selectable
marker into a bacterial chromosome comprises co-transforming
recombination proficient host with at least two linear recombination
elements - DNA fragment integration via recombination for use in
biosynthetic pathway engineering 2004

5/8/5 (Item 3 from file: 357)
0307618 DBR Accession No.: 2003-09403
Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library 2002

? t s5/mediu,k/5
>>>"MEDIU" is not a valid format name in file(s): 5, 24, 28, 34-35, 40-41,
50, 65, 71, 73, 91, 94, 98, 110, 135-136, 143-144, 155, 164, 172, 185,
357, 369-370, 391, 434, 467
? t s5/medium,k/5

5/K/5 (Item 3 from file: 357)
DIALOG(R) File 357:Derwent Biotech Res.
(c) 2006 Thomson Derwent & ISI. All rts. reserv.

0307618 DBR Accession No.: 2003-09403 PATENT
Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library

AUTHOR: GUST B; CHATER K F; KIESER T E
PATENT ASSIGNEE: PLANT BIOSCIENCE LTD 2002

PATENT NUMBER: WO 2002103010 PATENT DATE: 20021227 WPI ACCESSION NO.: 2003-167518 (200316)
PRIORITY APPLIC. NO.: GB 2002477 APPLIC. DATE: 20020109
NATIONAL APPLIC. NO.: WO 2002GB2798 APPLIC. DATE: 20020614
LANGUAGE: English

...ABSTRACT: a gene of interest. The marker is an antibiotic resistance marker. The recombining sequences are **FLP** recognition target (FRT) sequences, capable of being recombined by **FLP** recombinase activity in trans. Each FRT sequence comprises a palindrome having the palindromic half site...

... marker function. Step (e) follows steps (c) and (d), where the step (e) occurs by **FLP** recombinase-mediated recombination. **FLP** recombinase activity is provided in trans using a plasmid that shows inducible replication and induction of **FLP** synthesis under conditions in which replication will not occur, allowing simultaneous induction of **FLP** synthesis and loss of the plasmid, where the plasmid is temperature-inducible. Step (e) ... generated by PCR using primers whiIFRTforw and whiI773. *Escherichia coli* BW25113 containing the recombination plasmid **pKD46** was made electro-competent and transformed with *Streptomyces coelicolor* cosmid SC1C3. *E. coli* BW25113 containing the recombination plasmid **pKD46** and the cosmid SC1C3 were made chemical-competent and transformed with the whiI knockout cassette

...
? ds

Set	Items	Description
S1	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT(W)ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR -INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (-W) SYSTEM) OR
S2	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
S3	137	((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLA
S4	8	S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(-W)DIF OR INT(W)ATT)
S5	5	RD (unique items)
S6	0	S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)

? s s4 and ((selectable (w) marker) or (kanamycin (w) (selectable or selective) (w) marker) or (antibiotic (w) (selectable or selective) (w) marker) or (enzyme (w) (selectable or selective) (w) marker) or (antibiotic (w) resistance (w) marker) or (enzymatic (w) marker) or (kanamycin (w) resistance) or (antibiotic (w) resistance))

Processing

Processed 10 of 29 files ...

Completed processing all files

8	S4
30889	SELECTABLE
962140	MARKER
19996	SELECTABLE (W) MARKER

57148 KANAMYCIN
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
6 KANAMYCIN(W) (SELECTABLE OR SELECTIVE) (W) MARKER
757449 ANTIBIOTIC
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
18 ANTIBIOTIC(W) (SELECTABLE OR SELECTIVE) (W) MARKER
4224158 ENZYME
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
37 ENZYME(W) (SELECTABLE OR SELECTIVE) (W) MARKER
757449 ANTIBIOTIC
2893465 RESISTANCE
962140 MARKER
868 ANTIBIOTIC(W) RESISTANCE (W) MARKER
704944 ENZYMATIC
962140 MARKER
489 ENZYMATIC(W) MARKER
57148 KANAMYCIN
2893465 RESISTANCE
10418 KANAMYCIN(W) RESISTANCE
757449 ANTIBIOTIC
2893465 RESISTANCE
112403 ANTIBIOTIC(W) RESISTANCE
S7 7 S4 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN
(W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC
(W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ENZYME (W)
(SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC (W)
RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER) OR
(KANAMYCIN (W) RESISTANCE) OR (ANTIBIOTIC (W)
RESISTANCE))

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 4 RD (unique items)

? t s8/free/all

8/8/1 (Item 1 from file: 5)
0015882141 BIOSIS NO.: 200600227536
PCR-based tandem epitope tagging system for *Escherichia coli* genome
engineering
2006

8/8/2 (Item 1 from file: 357)
0389600 DBR Accession No.: 2006-03096
PCR-based tandem epitope tagging system for *Escherichia coli* genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of *Escherichia coli* functional
genomics 2006

8/8/3 (Item 2 from file: 357)
0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004

8/8/4 (Item 3 from file: 357)
0307618 DBR Accession No.: 2003-09403
Generating a targeted nucleic acid disruption in an actinomycete, comprises integrating nucleic acid of the first nucleic acid construct from a transferred plasmid into a target actinomycete nucleic acid by homologous recombination - targeted DNA disruption generation and vector expression in host cell useful for host cell library 2002
? s ((chromosome or chromosomal) a(w) (engineering or integration))
>>>Invalid syntax
? s ((chromosome or chromosomal) (w) (engineering or integration))
1248649 CHROMOSOME
495049 CHROMOSOMAL
1927931 ENGINEERING
516240 INTEGRATION
S9 4067 ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION))
? s s9 and ((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)
4067 S9
5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC(W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE(W) SPECIFIC(W) RECOMBINASE
32642 CRE
12297 LOX
1925 CRE(W) LOX
1011 FLIPPASE
4734 FLP
617 XER
5244 DIF
1 XER(W) DIF
77882 INT
13934 ATT
19 INT(W) ATT
S10 81 S9 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)
? s L10 and (((Red (w) (recombinase or recombination) (w)system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46))
Processing
3146 L10
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED

```

20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
    0 LAMBDA-RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
    37 LAMBDA(W) RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
    3 LAMBDA-RED
190123 HELPER
501835 PLASMID
    0 LAMBDA-RED(W) HELPER(W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
    0 LAMBDA(W) RED(W) HELPER(W) PLASMID
    3 LAMBDA-RED
20402933 SYSTEM
    0 LAMBDA-RED(W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
    54 LAMBDA(W) RED(W) SYSTEM
    16 PKD46
S11    0 L10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION)
                  (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR
                  RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED
                  (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
                  (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
                  (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
                  (LAMBDA (W) RED (W) SYSTEM) OR PKD46) )
? s ((triple or multiple) (w) homologous (w) recombination)
199361 TRIPLE
2850907 MULTIPLE
525646 HOMOLOGOUS
386367 RECOMBINATION
S12    6 ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
? rd

```

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

```

S13    1 RD (unique items)
? t s13/medium

```

```

13/3/1 (Item 1 from file: 5)
DIALOG(R) File 5:Biosis Previews(R)
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0015590675 BIOSIS NO.: 200510285175

Spontaneous homologous recombination is induced by collapsed replication
forks that are caused by endogenous DNA single-strand breaks

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RECORD TYPE: Abstract

LANGUAGE: English

? s ((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)

5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC(W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE (W) SPECIFIC (W) RECOMBINASE
32642 CRE
12297 LOX
1925 CRE (W) LOX
1011 FLIPPASE
4734 FLP
617 XER
5244 DIF
1 XER (W) DIF
77882 INT
13934 ATT
19 INT (W) ATT
S14 8831 ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)

? s s14 and (((Red (w) (recombinase or recombination) (w)system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46))

Processing

8831 S14
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM

```

          0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
      54 LAMBDA (W) RED (W) SYSTEM
      16 PKD46
S15      8 S14 AND (((RED (W) (RECOMBINASE OR RECOMBINATION)
(W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED
(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA (W) RED (W) SYSTEM) OR PKD46) )
? s s15 and (((chromosome or chromosomal) (w) (engineering or integration)))
      8 S15
1248649 CHROMOSOME
495049 CHROMOSOMAL
1927931 ENGINEERING
516240 INTEGRATION
      4067 (CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)
S16      1 S15 AND (((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)))
? t s16/free

```

16/8/1 (Item 1 from file: 357)
0345211 DBR Accession No.: 2004-17503
Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004
? s s10 and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46))

Processing

```

      81 S10
1261918 RED
      20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
      69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
      3 LAMBDA-RED
      20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
      0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
      20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
      37 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
      3 LAMBDA-RED
190123 HELPER
501835 PLASMID
      0 LAMBDA-RED (W) HELPER (W) PLASMID
387572 LAMBDA
1261918 RED

```

```

190123  HELPER
501835  PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA (W) RED (W) SYSTEM
16 PKD46
S17 1 S10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION)
(W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED
(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA (W) RED (W) SYSTEM) OR PKD46) )
? ((first adj recombination adj (region or site)) and (s (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
>>>When using accession numbers with KEEP in OneSearch, you
>>>must use the FROM option to specify a file number.
? s ((first adj recombination adj (region or site)) and (s (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
Processing
Processed 20 of 29 files ...
Completed processing all files
0 FIRST ADJ RECOMBINATION ADJ (REGION
0 SITE)
0 S (SITE-SPECIFIC
3173017 SITE
0 SPECIFIC)
20733 RECOMBINASE
0 SITE (W) SPECIFIC) (W) RECOMBINASE
30889 SELECTABLE
962140 MARKER
19996 SELECTABLE (W) MARKER
6274386 FIRST
386367 RECOMBINATION
5557160 REGION
3173017 SITE
32 FIRST (W) RECOMBINATION (W) (REGION OR SITE)
2931187 SECOND
386367 RECOMBINATION
5557160 REGION
3173017 SITE
47 SECOND (W) RECOMBINATION (W) (REGION OR SITE)
S18 0 ((FIRST ADJ RECOMBINATION ADJ (REGION OR SITE)) AND (S
(SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE)
AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION
(W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W)
(REGION OR SITE)))
? s ((first (w) recombination (w) (region or site)) and ( (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
Processing

```

Processed 10 of 29 files ...
 Completed processing all files

6274386	FIRST
386367	RECOMBINATION
5557160	REGION
3173017	SITE
32	FIRST (W) RECOMBINATION (W) (REGION OR SITE)
5855	SITE-SPECIFIC
3173017	SITE
6068726	SPECIFIC
128328	SITE (W) SPECIFIC
20733	RECOMBINASE
1819	(SITE-SPECIFIC OR SITE (W) SPECIFIC) (W) RECOMBINASE
30889	SELECTABLE
962140	MARKER
19996	SELECTABLE (W) MARKER
6274386	FIRST
386367	RECOMBINATION
5557160	REGION
3173017	SITE
32	FIRST (W) RECOMBINATION (W) (REGION OR SITE)
2931187	SECOND
386367	RECOMBINATION
5557160	REGION
3173017	SITE
47	SECOND (W) RECOMBINATION (W) (REGION OR SITE)
S19 1	((FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND ((SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE) AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W) (REGION OR SITE)))

? s s19/free
 >>>Term "FREE" is not defined in one or more files
 S20 1 S19/FREE
 ? t s19/free

19/8/1 (Item 1 from file: 357)
 0345211 DBR Accession No.: 2004-17503
 Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004

? ds

Set	Items	Description
S1	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR -INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (-W) SYSTEM) OR
S2	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W) LOX OR FLIPPASE OR FLP OR XER(W) DIF OR INT(W)ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
S3	137	((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLA

S4 8 S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(-W)DIF OR INT(W)ATT)
 S5 5 RD (unique items)
 S6 0 S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
 S7 7 S4 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ENZYME (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC (W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W))
 S8 4 RD (unique items)
 S9 4067 ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION))
 S10 81 S9 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(-W)DIF OR INT(W)ATT)
 S11 0 L10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S12 6 ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
 S13 1 RD (unique items)
 S14 8831 ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)
 S15 8 S14 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S16 1 S15 AND (((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)))
 S17 1 S10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S18 0 ((FIRST ADJ RECOMBINATION ADJ (REGION OR SITE)) AND (S (SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE) AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W) (REGION OR SITE)))
 S19 1 ((FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND ((SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE) AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W) (REGION OR SITE)))
 S20 1 S19/FREE
 ? save temp
 Temp SearchSave "TG2397996" stored
 ? b411
 13may06 14:26:42 User276741 Session D139.2
 \$23.82 4.038 DialUnits File5
 \$0.00 3 Type(s) in Format 6
 \$0.00 1 Type(s) in Format 66
 \$0.00 4 Types
 \$23.82 Estimated cost File5
 \$5.95 0.959 DialUnits File24
 \$5.95 Estimated cost File24
 \$1.19 0.191 DialUnits File28
 \$1.19 Estimated cost File28

\$61.42 2.617 DialUnits File34
\$61.42 Estimated cost File34
\$2.29 0.560 DialUnits File35
\$2.29 Estimated cost File35
\$1.06 0.148 DialUnits File40
\$1.06 Estimated cost File40
\$1.03 0.166 DialUnits File41
\$1.03 Estimated cost File41
\$3.80 0.826 DialUnits File50
\$3.80 Estimated cost File50
\$1.12 0.297 DialUnits File65
\$1.12 Estimated cost File65
\$10.01 1.138 DialUnits File71
\$10.01 Estimated cost File71
\$25.98 2.319 DialUnits File73
\$25.98 Estimated cost File73
\$0.57 0.133 DialUnits File91
\$0.57 Estimated cost File91
\$1.86 0.530 DialUnits File94
\$1.86 Estimated cost File94
\$1.24 0.291 DialUnits File98
\$1.24 Estimated cost File98
\$0.67 0.116 DialUnits File110
\$0.67 Estimated cost File110
\$1.31 0.243 DialUnits File135
\$1.31 Estimated cost File135
\$1.28 0.206 DialUnits File136
\$1.28 Estimated cost File136
\$0.60 0.200 DialUnits File143
\$0.60 Estimated cost File143
\$9.46 2.103 DialUnits File144
\$9.46 Estimated cost File144
\$8.28 2.434 DialUnits File155
\$8.28 Estimated cost File155
\$0.47 0.135 DialUnits File164
\$0.47 Estimated cost File164
\$1.75 0.156 DialUnits File172
\$1.75 Estimated cost File172
\$1.88 0.306 DialUnits File185
\$1.88 Estimated cost File185
\$11.37 0.510 DialUnits File357
\$5.20 2 Type(s) in Format 3
\$0.00 8 Type(s) in Format 6
\$5.20 10 Types
\$16.57 Estimated cost File357
\$0.46 0.131 DialUnits File369
\$0.46 Estimated cost File369
\$0.48 0.137 DialUnits File370
\$0.48 Estimated cost File370
\$0.00 0.281 DialUnits File391
\$0.00 Estimated cost File391
\$10.35 0.441 DialUnits File434
\$10.35 Estimated cost File434
\$0.68 0.106 DialUnits File467
\$0.68 Estimated cost File467
\$6.93 TELNET
\$202.51 Estimated cost this search
\$202.54 Estimated total session cost 21.937 DialUnits

DIALINDEX(R)
(c) 2006 Dialog

*** DIALINDEX search results display in an abbreviated ***
*** format unless you enter the SET DETAIL ON command. ***
? sf all biosci
You have 560 files in your file list.
(To see banners, use SHOW FILES command)
? sf allbiosci
You have 81 files in your file list.
(To see banners, use SHOW FILES command)
? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase)
or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or
chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or
recombination) (w) system) or (lambda-Red (w) (recombinase or recombination)
(w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system)
or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w)
plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w)
recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and
((chromosome or chromosomal) (w) (engineering or integration)) and (((Red
(w) (recombinase or recombination) (w) system) or (lambda-Red (w)
(recombinase or recombination) (w) system) or (lambda (w) Red
(w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w)
plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w)
system) or (lambda(w) Red (w) system) or pKD46))

Items	File
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Examined	50 files
----------	----------

>>>Term "LOX" is not defined in file 357 and is ignored
>>>Term "DIF" is not defined in file 357 and is ignored
>>>Term "ATT" is not defined in file 357 and is ignored

1 357: Derwent Biotech Res._1982-2006/May W1

1 file has one or more items; file list includes 81 files.
One or more terms were invalid in all files.

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase)
or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and ((chromosome
or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase
or recombination) (w) system) or (lambda-Red (w) (recombinase or
recombination) (w) system) or (lambda (w) Red (w) (recombinase or
recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda
(w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red
(w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w)
recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att))
and ((chromosome or chromosomal) (w) (engineering or integration)) and
(((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w)
(recombinase or recombination) (w) system) or (lambda (w) Red
(w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w)
plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w)
system) or (lambda(w) Red (w) system) or pKD46))

Items	File
-------	------

Examined 50 files
1 357: Derwent Biotech Res._1982-2006/May W1

1 file has one or more items; file list includes 81 files.

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Items	File
2	5: Biosis Previews(R)_1969-2006/May W1
1	34: SciSearch(R) Cited Ref Sci_1990-2006/May W1
1	144: Pascal_1973-2006/Apr W3
1	155: MEDLINE(R)_1951-2006/May 18
Examined	50 files
3	357: Derwent Biotech Res._1982-2006/May W1
1	399: CA SEARCH(R)_1967-2006/UD=14420

6 files have one or more items; file list includes 81 files.

? b 5,34,144,155,357,399
13may06 14:31:11 User276741 Session D139.3
\$24.55 9.263 DialUnits File411
\$24.55 Estimated cost File411
\$1.33 TELNET
\$25.88 Estimated cost this search
\$228.42 Estimated total session cost 31.201 DialUnits

SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1969-2006/May W1
(c) 2006 BIOSIS
File 34:SciSearch(R) Cited Ref Sci 1990-2006/May W1
(c) 2006 Inst for Sci Info
File 144:Pascal 1973-2006/Apr W3
(c) 2006 INIST/CNRS
File 155: MEDLINE(R) 1951-2006/May 18
(c) format only 2006 Dialog
File 357:Derwent Biotech Res._1982-2006/May W1
(c) 2006 Thomson Derwent & ISI
File 399:CA SEARCH(R) 1967-2006/UD=14420
(c) 2006 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set Items Description

--- -----
? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w) recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))
Processing
4668 SITE-SPECIFIC
13715 RECOMBINASE
0 SITE-SPECIFIC (W) RECOMBINASE
1847411 SITE
3915368 SPECIFIC
13715 RECOMBINASE
1173 SITE (W) SPECIFIC (W) RECOMBINASE
23022 CRE
8405 LOX
1308 CRE (W) LOX
749 FLIPPASE
3564 FLP
476 XER
3332 DIF
2 XER (W) DIF
57444 INT
10285 ATT
13 INT (W) ATT
873611 RED
13715 RECOMBINASE
317803 RECOMBINATION
14587414 SYSTEM
51 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
2 LAMBDA-RED
13715 RECOMBINASE
317803 RECOMBINATION
14587414 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
228894 LAMBDA
873611 RED
13715 RECOMBINASE
317803 RECOMBINATION
14587414 SYSTEM
26 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
2 LAMBDA-RED
115774 HELPER
372875 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
228894 LAMBDA
873611 RED
115774 HELPER
372875 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
2 LAMBDA-RED
14587414 SYSTEM
0 LAMBDA-RED (W) SYSTEM
228894 LAMBDA
873611 RED
14587414 SYSTEM
40 LAMBDA (W) RED (W) SYSTEM
20 PKD46
S1 9 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC

(W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR
XER(W)DIF OR INT(W)ATT)) AND (((RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W)
RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA(W) RED (W) SYSTEM) OR PKD46))

? rd

S2 6 RD (unique items)

? t s2/free/all

>>>"FREE" is not a valid format name in file(s): 399

2/6/1 (Item 1 from file: 5)
0015882141 BIOSIS NO.: 200600227536

PCR-based tandem epitope tagging system for Escherichia coli genome
engineering
2006

2/6/2 (Item 2 from file: 5)
0015480514 BIOSIS NO.: 200510175014

Deletion of clpP in chromosome of E-coli by red recombination
2005

2/6/3 (Item 1 from file: 357)
0389600 DBR Accession No.: 2006-03096

PCR-based tandem epitope tagging system for Escherichia coli genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of Escherichia coli functional
genomics 2006

2/6/4 (Item 2 from file: 357)
0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable
marker into a bacterial chromosome comprises co-transforming
recombination proficient host with at least two linear recombination
elements - DNA fragment integration via recombination for use in
biosynthetic pathway engineering 2004

2/6/5 (Item 3 from file: 357)
0307618 DBR Accession No.: 2003-09403

Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library 2002

? t s2/medium5-6

>>> '-' not allowed as format type

? t s2/medium/5-6

2/3/5 (Item 3 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

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0307618 DBR Accession No.: 2003-09403 PATENT

Generating a targeted nucleic acid disruption in an actinomycete, comprises

integrating nucleic acid of the first nucleic acid construct from a transferred plasmid into a target actinomycete nucleic acid by homologous recombination - targeted DNA disruption generation and vector expression in host cell useful for host cell library

AUTHOR: GUST B; CHATER K F; KIESER T E

PATENT ASSIGNEE: PLANT BIOSCIENCE LTD 2002

PATENT NUMBER: WO 2002103010 PATENT DATE: 20021227 WPI ACCESSION NO.: 2003-167518 (200316)

PRIORITY APPLIC. NO.: GB 2002477 APPLIC. DATE: 20020109

NATIONAL APPLIC. NO.: WO 2002GB2798 APPLIC. DATE: 20020614

LANGUAGE: English

2/3/6 (Item 1 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

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141083548 CA: 141(6)83548p PATENT

Method for integration of foreign genetic elements into bacterial chromosomes without a cloning step

INVENTOR(AUTHOR): Suh, Wonchul

LOCATION: USA

ASSIGNEE: E.I. Du Pont de Nemours and Company

PATENT: PCT International ; WO 200456973 A2 DATE: 20040708

APPLICATION: WO 2003US41810 (20031219) *US PV434602 (20021219)

PAGES: 96 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; BG; CH; CY ; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR

? da

? ds

Set Items Description

S1 9 ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) O

S2 6 RD (unique items)

? save temp

Temp SearchSave "TD239800237" stored

? logoff

13may06 14:33:30 User276741 Session D139.4

\$3.79 0.643 DialUnits File5

\$0.00 2 Type(s) in Format 6

\$0.00 2 Types

\$3.79 Estimated cost File5

\$8.58 0.366 DialUnits File34

\$8.58 Estimated cost File34

\$1.22 0.272 DialUnits File144

\$1.22 Estimated cost File144

\$1.16 0.340 DialUnits File155

\$1.16 Estimated cost File155

\$1.52 0.068 DialUnits File357

\$2.60 1 Type(s) in Format 3

\$0.00 3 Type(s) in Format 6

\$2.60 4 Types

\$4.12 Estimated cost File357

\$5.23 0.417 DialUnits File399

\$2.75 1 Type(s) in Format 3
 \$2.75 1 Types
\$7.98 Estimated cost File399
 OneSearch, 6 files, 2.105 DialUnits FileOS
\$0.80 TELNET
\$27.65 Estimated cost this search
\$256.07 Estimated total session cost 33.306 DialUnits

Logoff: level 05.11.05 D 14:33:30

You are now logged off

107341, 936
5/13/2006 LLN

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020151058"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:19
L2	57	tugendreich	US-PGPUB; USPAT	OR	ON	2006/05/13 13:21
L3	25	tugendreich and perkins	US-PGPUB; USPAT	OR	ON	2006/05/13 13:22
L4	83	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18
L5	31	L4 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:47
L6	25	L5 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:02
L7	0	L6 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 13:47
L8	2448	((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 13:40
L9	0	L6 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 13:43
L10	5	L8 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L11	0	L10 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:44
L12	20	L4 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L13	2	L12 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:05
L14	14	L12 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:05
L15	0	L14 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:03

10/734, 936
5/13/2006 LLM

EAST Search History

L16	20	L8 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L17	2	L16 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L18	242	L8 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:15
L19	14	L18 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L20	0	L19 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:12
L21	5	L19 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L22	0	L21 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L23	6	((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L24	1	L23 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L27	0	L24 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:15

EAST Search History

L28	0	L24 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:14
L29	0	L24 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:26
L30	4887	((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L31	242	L30 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:19
L32	5	L31 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L33	0	L32 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:19
L34	152	L31 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:36
L35	0	L34 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:20
L37	0	L34 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46) or ("lambda-Red" adj recombinase))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18

EAST Search History

L38	83	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46 or ("lambda-Red" adj recombinase))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18
L39	3155	L30 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L40	152	L39 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L41	25	L39 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L42	0	L39 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:27
L43	0	L40 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L44	0	L41 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:26

EAST Search History

L45	14	(((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) adj (engineering or integration)) and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L46	0	L45 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L47	1889	L8 and ((selectable adj marker) or (kanamycin adj (selectable or selective) adj marker) or (antibiotic adj (selectable or selective) adj marker) or (enzyme adj (selectable or selective) adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker) or (kanamycin adj resistance) or (antibiotic adj resistance))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L48	1308	L47 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L49	2	L48 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L50	73	L4 and ((selectable adj marker) or (kanamycin adj (selectable or selective) adj marker) or (antibiotic adj (selectable or selective) adj marker) or (enzyme adj (selectable or selective) adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker) or (kanamycin adj resistance) or (antibiotic adj resistance))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25

EAST Search History

L51	29	L50 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L52	25	L51 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L53	0	L52 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:36
L55	0	L52 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L56	2	(inter-operon adj chromosomal adj integration adj site)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L57	0	(double adj stranded adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L58	0	(linear adj double adj stranded adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L60	0	(linear adj ds adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:33
L61	41	((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L62	20	L61 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:45
L63	5	L62 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:47
L64	0	L63 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:47

EAST Search History

L65	0	L62 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L66	5	L63 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:50
L67	0	L66 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:48
L68	10861	((lac adj (operon or operator or promoter)) or ((phage adj T5) or pt5) or ((phage adj T7) or pt7))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:45
L69	8133	L68 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
L70	301	L69 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:51
L71	0	L70 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
L72	4	L69 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L73	0	L70 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52

EAST Search History

L74	270	L69 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:50
L75	55	L74 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:51
L76	1	L74 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L77	0	L75 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L78	0	L74 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L79	0	L75 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L80	0	L72 and (((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L81	12	L68 and (((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L82	4	L81 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58

EAST Search History

L83	0	L82 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
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